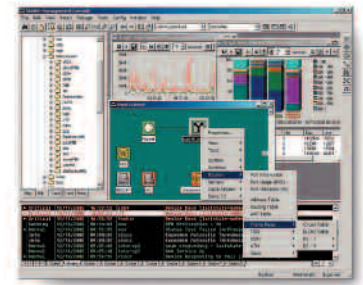Allied Telesis™

SNMPc 7.1
Network Monitoring and Management Software

AT-SNMPC-S71-ENT
Enterprise Edition 7.1

AT-SNMPC-S71-RAX
Unlimited remote access console for Enterprise

AT-SNMPC-S71-ENTEXT
Extended SW update for Enterprise

AT-SNMPC-S71-ENTRNL
Out of Warranty Renewal for Enterprise

AT-SNMPC-S71-WKGP
Workgroup Edition 7.1

AT-SNMPC-S71-WKEXT
Extended SW update for Workgroup

AT-SNMPC-S71-WKRNL
Out of Warranty Renewal for Workgroup

AT-SNMPC-S2009-ONLINE
SNMPc Online 2009
Requires SNMPc Enterprise

AT-SNMPC-S2009-ONLBND
SNMPc Online Bundle

SNMPc is a secure distributed network management system that enables you to visualize, monitor, and manage your entire network infrastructure. With support for SNMP v3, unparalleled ease of use, and versions for both small and large networks, it is easy to see why more than 100,000 copies of SNMPc have been deployed.

Advanced Network Mapping
SNMPc supports a multi-level hierarchical map. Each hierarchy can represent cities, buildings, or subnetworks. Imported bitmaps of geographic maps or floor plans, along with manual or automatic network placement, enables you to create a layout that closely matches the actual network. SNMPc can automatically lay out each map network as a tree, ring, or snaked-bus topology. Each map object uses a device specific or user selected icon, and the object color indicates the device status. You can start any device specific application by double clicking map icons.

Scalability-distributed Architecture
SNMPc Enterprise Edition is highly scalable through the use of a distributed architecture. With management support for multiple distributed domains, each server can import the map of one or more remote servers. With support for both local and remote access using the remote console component, you can run the remote console application from any Windows workstation using a local or remote TCP/IP connection. And with distributed polling, polling agents perform discovery of locally attached network devices.

Key Features

- Secure SNMP v3 support

- Scalable, distributed architecture

- Remote console and JAVA access

- Email/pager event notification

- Real-time MIB displays

- MIB expressions (e.g. utilization)

- Multi-vendor graphical device views

- Web and printed trend reports

- Automatic baseline alarms

- Programming interfaces

SNMPc 7.1 | Network Monitoring and Management Software

Monitoring and Alerts

SNMPc automatically discovers and polls SNMP/ICMP, WEB, FTP, SMTP, and TELNET services, in addition to four user-selectable TCP ports. Along with real-time service status, SNMPc Enterprise also provides Web-based availability reports. Once trend reporting is set up, polling agents monitor all report variables for a learning period and calculate a baseline for typical patterns during each hour of a week. Thereafter, the polling agents compare the actual polled-data to the baseline and generate alarms when variables deviate excessively from the baseline. Polling agents automatically adjust baselines as traffic patterns change. You can also manually configure alarm thresholds for any polled variable.

Trend Reporting

SNMPc Enterprise automatically generates scheduled daily, weekly, and monthly statistical reports. Report formats include graph, bar chart, distribution, and summary, and can be exported to a variety of destinations, including printers, files, or Web servers. SNMPc Enterprise can also export all saved long-term statistics to industry standard ODBC databases. Users can generate customized trend reports via familiar tools such as Seagate Crystal Reports or Microsoft Access.

Console Options

Remote console: SNMPc provides local user access in the Workgroup and Enterprise editions. Additionally, the Enterprise Edition supports remote access over a high-speed connection with the remote console. You can run the remote console application from any Windows workstation using a local or remote TCP/IP connection. All SNMPc Enterprise functions are also available from remote consoles.

JAVA console: The SNMPc Enterprise Edition supports a JAVA-based remote console. The JAVA console can be used from any Internet or intranet connected computer, including Apple, Linux, and Windows systems. The SNMPc JAVA console is optimized for low speed WAN lines, making it well-suited for use by outsourced network service and help desk personnel. Basic functionality includes topology map displays, event log views, and real-time MIB table/graph displays. After selecting a long-term trend report, it can be viewed with a calendar control. Also included is a JAVA proxy Telnet application for configuration of routers and other devices.

Product Overviews
SNMPc 7.1 Enterprise
SNMPc Enterprise Edition:

The base system for a scalable, multi-user environment, Enterprise Edition includes the SNMPc server license, ten remote console licenses, and ten remote poller licenses. This system can be used simultaneously by multiple users, one at the server system and others at any remote console system.

Enterprise Edition Remote Access Extension:

The license-only option for the Enterprise Edition, this choice allows an unlimited number of remote console users and remote polling agents. It also provides JAVA console support.

SNMPc Online 2007:

This advanced web-based console offers exceptional network visibility with its specialized reporting capability, high-level summary provision, customizable dashboard, and multi-user security. SNMPc Online supports the ability to import Visio created maps and associate SNMPc icons. SNMPc Online requires Enterprise or Workgroup edition.

Enterprise Edition Extended Software Updates:

The extended software update option is an annual maintenance policy that provides free updates to SNMPc as they are released. It also provides access to the secure areas of the Castle Rock Computing online helpdesk.

SNMPc 7.1 Workgroup
SNMPc Workgroup Edition:

The single-user version for managing small to medium-sized networks. All components run on a single system and support one user. The map database size is limited to 1000 objects. This edition does not include advanced reporting functions.

Workgroup Edition Extended Software Updates:

The extended software update option is an annual maintenance policy that provides free updates to SNMPc as they are released. It also provides access to the secure areas of the Castle Rock Computing online helpdesk.

Feature	Enterprise	Remote Extension	Workgroup
SNMP version 3	Yes	N/A	Yes
Device limit	25000	N/A	1000
Scalable	Yes	Yes	No
Remote poller	Yes (10)	Unlimited	No
Remote console	Yes (10)	Unlimited	No
JAVA console	Unlimited	N/A	No
Web trend reports	Yes	N/A	No
Printed trend reports	Yes	N/A	No
ODBC export	Yes	N/A	No
Runs as service	Yes	N/A	No

Feature Specifications

SNMP Protocols
v1, v2c, v3 with SHA/MD5 authentication and DES encryption.

Device Discovery
Automatically discovers and polls SNMP and ICMP (Ping) devices.

Service Discovery
Performs service discovery on each device, including SNMP, ICMP, Telnet, FTP, HTTP, SMTP, and four user-specified TCP ports.

Service Polling
Up to 16 user-defined TCP ports per icon, each with configurable send/reply string. External polling with custom applications.

Topology Layout
Multiple level hierarchies, segmented by polling agent. Tree, ring, or snaked bus networks.

Event Notification
Ignore, ignore duplicates, forward, e-mail, page, display alarm box, or execute application.

Reporting
Graph, bar chart, distribution, and summary—with print and web export.

Backup
Live/standby server support with automated failover.

External Interfaces
ODBC and text export, and event forwarding using SNMP Traps.

Customization
Private MIB import, custom tables, expressions, and menus. Execute application from map double-click, on event reception, and during custom polling.

Programming Interfaces
Proprietary object-oriented interface for C/C++ applications. SNMPc v4.0 DDE Interface. WinSNMP de-facto standard interface. Utilities for Scripting language support.

Requirement

Parameter	Enterprise	Workgroup
CPU	Pentium III 1GHz	Pentium II 600MHz
Memory	512MB	128MB
Disk	2GB	500MB
Windows OS	Vista/2003/XP/2000/NT	Vista/2003/XP/2000/NT

Ordering Information

AT-SNMPC-S71-ENT
Enterprise Edition 7.1
Order number: 990-12684-00

AT-SNMPC-S71-RAX
Unlimited remote access console for Enterprise
Order number: 980-000140

AT-SNMPC-S71-ENTEXT
Extended SW update for Enterprise
Order number: 980-000141

AT-SNMPC-S71-ENTRNL
Out of Warranty Renewal for Enterprise
Order number: 980-11028-00

AT-SNMPC-S71-WKGP
Workgroup Edition 7.1
Order number: 990-12687-00

AT-SNMPC-S71-WKEXT
Extended SW update for Workgroup
Order number: 980-000143

AT-SNMPC-S71-WKRNL
Out of Warranty Renewal for Workgroup
Order number: 980-11027-00

AT-SNMPC-S2009-ONLINE
SNMPc Online 2009
(Requires SNMPc Enterprise)
Order number: 990-002415-00

AT-SNMPC-S2009-ONLBND
SNMPc Online Bundle
(Includes SNMPc Online, SNMPc Enterprise, Remote Access Extension and Extended Updates)
Order number: 990-002414-00

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